REMARKS

CLAIM AMENDMENT

Claim 9 has been amended in minor respects to more clearly and particularly point out that which applicants regard as the invention, specifically to make clear that each of the at least first and second reactive loads—no matter how many there actually are—is driven by a respective switching signal.

RESTRICTION REQUIREMENT TRAVERSED

In the Office action of 09/22/2004, claims 1-78 were made subject to restriction and/or election requirement. In particular, the Office action stated that the application contains claims directed to four species, corresponding to the embodiments disclosed in FIGS. 4A/4B, 7, 8 and 9 respectively.

The requirement to elect a single disclosed species for prosecution on the merits is respectfully traversed. Such a restriction is not proper when an application contains a generic claim covering the various disclosed embodiments.

Indeed, each one of independent claims 9, 34, 43, 52, 59, 70 is generic in that each one of those claims covers all four of the aforementioned embodiments, as is shown below.

Other independent claims in the application may also be generic. In addition, most of the dependent claims in the application are generic.

It is not believed necessary for applicants to show in each and every case of a generic claim how that claim is, in fact, generic. Rather, it is believed sufficient in terms of overcoming the restriction requirement to show that there are generic claims in the application. Accordingly, only the aforementioned independent claims 9, 34, 43, 52, 59, 70 are specifically discussed hereinbelow. This showing, it is believed, it more than sufficient to show that there are generic claims in the application.

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Claim 9

The following table shows how claim 9 reads on each of the embodiments.

(Given the similarity of FIGS. 4A and 4B, only FIG. 4A is treated in this table. It is noted in this regard that the Office action regards those as a single species in any event. This same comment applies to each of the other claims discussed hereinbelow)

Claim 9 Claim Language	**FIG. 4A**	**FIG. 7**	**FIG. 8**	**FIG. 9**
A switching amplifier adapted to drive at least first and second reactive loads	L1 and L2	L1 and L2	L1 and L2	L1 and L2
with at least first and second switching signals, respectively	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 35,47 37,55	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 95, 97, 111,113, 99, 101, 117 119	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 131, 149, 133, 151	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 201,203, 225,227, 205, 207, 229, 231
each of said at least first and second switching signals having respective switching band components and at least one respective baseband component,	paragraph 0042, lines 1-2	paragraph 0042, lines 1-2; paragraph 0070	paragraph 0042, lines 1-2; paragraph 0073, lines 11-12	paragraph 0042, lines 1-2; paragraph 0077
the baseband components of the at least first and second switching signals being such that, and said loads being interconnected in such a way that, substantially all of the current at baseband frequencies flowing out of one or more of said loads at a given time flows into one or more of the others of said loads.	paragraph 0049 lines 5-7	paragraph 0070	paragraph 0073, lines 11-12	paragraph 0077

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Claim 34

The following table shows how claim 34 reads on each of the embodiments.

Claim 34 Claim Language	**FIG. 4A**	**FIG. 7**	**FIG. 8**	**FIG. 9**
Apparatus comprising two or more circuit paths	first path: 39, 41,L1 second path: 43,41,L2	first path: 103, 105, L1 second path: 107,105, L2	first path: 143, 155, L1 second path: 145, 155, L2	first path: 219, 265,L1 second path 221, 265, L2
each including a respective reactive load	L1 and L2	L1 and L2	L1 and L2	L1 and L2
each of said loads having a first terminal connected to the first terminal of each other load,	Lower terminal of loads L1 and L2, both connected to 32	Lower terminal of loads L1 and L2, connected to each other via 116	Lower terminal of loads L1 and L2, both connected to V_1	Lower terminal of loads L1 and L2, connected to each other via 251
means responsive to each of said pulse-width-modulated signals for impressing an associated switching signal across the associated circuit path, said switching signal comprising first and second voltages impressed across the associated circuit path when the associated pulse-width-modulated signal is at its first and second levels, respectively,	33,35,47 for one signal 45, 37,55 for the other signal	93, 95, 97, 111,113 for one signal 99, 101,109, 117 and 119 for the other signal	137, 131, 149 for one signal 139, 133, 151 for the other signal	201,203,213, 225,227 for one signal 205, 207, 215 229 and 231 for the other signal
the baseband signals being such that substantially all of the current at baseband frequencies flowing out of one or more of said loads at a given time flows into one or more of the others of said loads.	paragraph 0049 lines 5-7	paragraph 0070	paragraph 0073, lines 11-12	paragraph 0077

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Claim 43

The following table shows how claim 43 reads on each of the embodiments.

Claim 43 Claim Language	FIG. 4A	FIG. 7	FIG. 8	FIG. 9
A switching amplifier adapted to drive at least one reactive load	L1	L1	L1	L1
with two or more switching signals having the same switching frequency,	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 35,47 37,55	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 95, 97, 111,113, 99, 101, 117 119	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 131, 149, 133, 151	"switching signal" defined at paragraph 0044, lines 3-6; the "bridges" noted therein comprise 201,203, 225,227, 205, 207, 229, 231
each of said switching signals having respective switching band components and at least one respective baseband component	paragraph 0042, lines 1-2	paragraph 0042, lines 1-2; paragraph 0070	paragraph 0042, lines 1-2; paragraph 0073, lines 11-12	paragraph 0042, lines 1-2; paragraph 0077
said switching amplifier including circuitry that processes said switching signals in such a way as to subtractively combine their respective frequency components at at least one frequency and thereby isolate signals at said at least one frequency from said at least one load.	41	105	155	265

Claims 52 and 59

Recitations of generic claims 52 and 59 that correspond to those of claims 34 and/or 43 as set forth above can likewise be seen to apply to all four embodiments. One recitation in claim 52 that does not appear in claims 34 or 43 is that of a "rejection filter." This recitation corresponds to 41, 105 155 and 265 in FIGS. 4A, 7, 8 and 9, respectively. Similarly, the "common-mode rejection filter" recited in claim 59 corresponds to 41, 105

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155 and 265 in FIGS. 4A, 7, 8 and 9, respectively.

Claim 70

The following table shows how claim 70 reads on each of the embodiments.

Claim 70 Claim Language	**FIG. 4A**	**FIG. 7**	**FIG. 8**	**FIG. 9**
A switching amplifier using switching circuitry to alternatively connect	33,35,47 45, 37,55	93, 95, 97, 111,113 99, 101,109, 117 119	137, 131, 149, 139, 133, 151	201,203,213, 225,227 205, 207, 215 229 231
two or more electrical loads	L1 and L2	L1 and L2	L1 and L2	L1 and L2
to a power supply	V_2	V_2	V_2	V_2
through filters that inhibit switching frequency currents from flowing in the loads.	39, 41, 43	103,105,107	143, 145 155	219, 221,265

ELECTION OF SPECIES

Notwithstanding the above traversal of the requirement to elect a single disclosed species for prosecution on the merits, applicants hereby elect Species I as set forth in the Office action.

Owing to the generic nature of most of the claims, all of the claims EXCEPT claims 12, 18, 27-29, 40, 47, 48, 54 and 74 read on Species I.

Thus the claims that read on species I are as follows: 1-11, 13-17, 19-26, 30-39, 41-46, 49-53, 55-73 and 75-78.

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